

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 259
2. AMENDMENT/MODIFICATION NO. 017	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO. See page 2	5. PROJECT NO. (If applicable)
6. ISSUED BY NASA JSC White Sands Test Facility Attn: Irene Garcia/BH5 P.O. Box 20 Las Cruces, New Mexico 88004	CODE JRG	7. ADMINISTERED BY (If other than Item 6) NASA JSC White Sands Test Facility Attn: Brandon Sivage/BH5 P.O. Box 20 Las Cruces, New Mexico 88004	CODE JBP

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
**Jacobs Technology Inc.
 Attn: J. Keith Beck, General Manager
 600 Williams Northern Blvd.
 PO Box 884
 Tullahoma, TN 37388**

CODE	FACILITY CODE
(X) 9A. AMENDMENT OF SOLICITATION NO. N/A	9B. DATED (SEE ITEM 11)
X 10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ11HA02C	10B. DATED (SEE ITEM 13) 3/01/2011

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

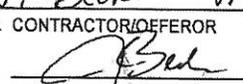
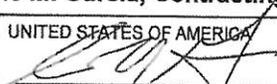
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	d. OTHER (Specify type of modification and authority) Mutual Agreement of the Parties

E. IMPORTANT: Contractor is not, is required to sign this document and return 1 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

**The purpose of this modification is to update sections B.6 (Contract Funding), I.1 (Listing of Clauses Incorporated by reference), and J of the contract; as well as decrease funding by \$156,607.00 from \$40,765,026.00 to \$40,608,419.00
 Page 2 shows breakout of changes.
 See SPICE for updated sections.**

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) JK Beck VP/GM	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Irene M. Garcia, Contracting Officer
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)
5C. DATE SIGNED 11/17/11	16C. DATE SIGNED 11.21.11

SECTION	Part	REMARKS
B	B.6	Decrease funds in the amount of \$156,607.00. See below for a PR breakout.
I	I.1	Update Clause 52.244-2 by inserting \$650,000 in subpart (d) of the clause.
J	J-2	Update to DRD's LS-01, LS-02, LS-04, & LS-06
J	J-7, J-8, J-9, J-10, J-11, J-13, J-14, J-15, J-16, J-17, J-19, J-21, J-22, J-23	Incorporate the following plans: Quality Plan; Contract Phase-in Plan; Contract Management Plan; Contract Work Breakdown Structure & Dictionary; Contract Risk Management Plan; External Customer Plan; Labor Relations Plan; Total Compensation Plan; OCI Avoidance Plan; Small Business and Subcontracting Plan; Performance Assessment Plan; Staffing and Critical Skills Plan; Government Property Management Plan; Maintenance, Operations, and Repair Plan

PR#	WBS Element	Amount to De-ob
4200397516	811540.01.03.05	\$107.00
4200408040	804911.02.05.1293.11	\$50,000.00
4200397516	097596.05.01.04	\$46,500.00
4200413166	736466.03.01.05.01	\$60,000.00

B.6 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **\$40,608,419**.

(a) . This allotment is for all Test and Evaluation Support Team (TEST) efforts at NASA/JSC/WSTF and covers the following estimated period of performance: March 1, 2011 through **December 3, 2011**.

	COST / PRICE	MAX AWARD FEE	TOTAL COST / PRICE AND FEE
PHASE-IN FP	(b) (4)		(b) (4)
CR TO'S (T1-X)		(b) (4)	
FFP TO'S (T1-X)			
TOTAL ISSUED IDIQ (NTE \$100M/YR)			
TOTAL CONTRACT Funding YEAR 1 To Date			\$40,608,419

(End of clause)

I.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE

52.244-2**

JUN 2007 SUBCONTRACTS

(d) If the Contractor has an approved purchasing system, the Contractor nevertheless shall obtain the Contracting Officer's written consent before placing the following subcontracts: Any subcontract valued above \$650,000.

1. DRD Title Supply Reports	2. Date of current version 11/15/2011	3. DRL Line Item No. DRD-TEST-LS-01	RFP/Contract No. NNJ11HA02C
4. Use: Reports are required to determine the effectiveness of the Supply Management System and as indicators of the volume of supply activity. Reports will be submitted to NASA/JSC and NASA HQ by the NASA WSTF Property Administrator.			5. DRD Category: <input type="checkbox"/> Technical <input checked="" type="checkbox"/> Administrative <input type="checkbox"/> SR&QA
6. References: NPD 4100, Supply and Materials Management Policy, NPR 4100, NASA Materials Inventory Management Manual			7. Interrelationships: SOW 5.10 TO 1TCSUPL

8. Preparation Information:

a. Data Type: 2

b. Scope: Contractor to provide the following reports to monitor and track Supply Management activity at WSTF. These reports are required when on site storage for program stock exceeds \$75,000 in a single location.

c. Content:

The following two reports shall be provided on a MONTHLY basis:

1. Stock/Program Stock Report: The report requirements include but are not limited to: Number of Line Items, Number of Program Stock, Number of Stores Stock, and Value. Electronic submission to JSC Financial Management Division. Due: 25th of each month
2. Store Stock Inventory Adjustment Report: Provide a report of store stock inventory adjustments with rationale for adjustments. Submitted on NASA Form 1256 and forwarded to the WSTF SEMO for approval. Due: 5th of each month

The following reports will be required on a QUARTERLY basis:

3. Shelf Life Inventory Report: Submit an inventory report of shelf life items maintained in the WSTF stock supply system. The report shall identify item counts and shelf life status. Due: January 5, April 5, July 5, and October 5.
4. Contractor-Acquired Material (CAM) Report: Submit report consisting of two transfer documents (DD Form 1149) that identify material purchased and received by the contractor for on-site use. The DD Form 1149 will transfer accountability of these assets from the contractor to NASA. The DD Form 1149 shall identify the total number of line items and total value of stock supplies purchased each quarter and transferred to the Government. The two documents will be differentiated as follows:
 - a. Items purchased for direct consumption on site.
 - b. Items issued to storerooms or bench stock areas that will affect the dollar value of assets on hand.

The two reports (4.a and 4.b) are due 15 working days after the end of each Fiscal Year Quarter.

The following report will be required on a BI-ANNUAL basis:

5. ~~RESERVED NASA Form 1324, Semi-Annual Report of Personal Property Management Operations: This semi-annual report defines the following line item data elements:~~
 - ~~a. Material Inventory Status~~
 - ~~b. Material Inventory Activity~~
 - ~~c. Material Acquisition Activity~~
 - ~~d. Material Receiving Activity~~
 - ~~e. Logistics Personnel Resources~~

~~The NASA Form 1324 is due 3/15 and 9/15 of each year.~~

The following reports will be required on an ANNUAL basis:

6. ~~RESERVED NASA Form 1619, Physical Inventory of Materials Annual Report: This annual report identifies the inventory actions completed by the contractor. Report shall contain the following data by object class code:~~
- ~~a. Line items and dollar value of items inventoried~~
 - ~~b. Number of line items with variance~~
 - ~~c. Dollar value of discrepant items, including overage, shortage and gross discrepancies~~
 - ~~d. Identify whether inventory items are stores or program stock and also identify the staff hours and dollar value expended in accomplishing and reconciling the inventory.~~
 - ~~e. A brief explanation of cause of discrepancies and action to minimize the change for recurrence.~~

~~The NASA Form 1619 is due on 9/25 each year.~~

7. Three Year No Usage Report: Provide a report that analyzes all WSTF Stores Stock System Spares and documents any findings and recommendations to the NASA WSTF Property Administrator. The analysis should focus on system spare (Program Stock) and stores stock that have not been drawn in a 3 year period.

The Three Year No Usage Report is due on October 15 each year.

- d. Format: Contractor's format is acceptable, except where specific NASA forms are used.
- e. Distribution:
 - 1. RA/Contracting Officer
 - 2. RA/Contracting Officer's Technical Representative
 - 3. RC/WSTF Property Administrator
- f. Submission: See individual report description for submission frequency.

1. DRD Title Equipment Reports	2. Date of current version 11/15/2011	3. DRL Line Item No. DRD-TEST-LS-02	RFP/Contract No. NNJ11HA02C
4. Use: Reports are required to determine the effectiveness of the Property Management System and as indicators of the volume of Logistics activity. Reports will be submitted to NASA/JSC and NASA Headquarters by the NASA WSTF Property Manager.			5. DRD Category: <input type="checkbox"/> Technical <input checked="" type="checkbox"/> Administrative <input type="checkbox"/> SR&QA
6. References: NPR 4200.1E, NASA Equipment Management Manual, NPD 4200.1A, Equipment Management, Procurement Information Circular, PIC 04-12, NASA FAR Supplement Subpart 1845-7101			7. Interrelationships: TO 1TCEQP

8. Preparation Information:

a. Data Type: 2

b. Scope: Contractor to provide the following reports to support performance of property management and logistics.

c. Content:

The following report will be required on a VARIABLE basis:

1. Property Financial Report: Property financial reports are required with item levels supporting data. This data shall be submitted for all items with an acquisition cost of \$100,000 or more, in the contractor's and subcontractor's possession, in the following classifications. Real property, equipment special test equipment, special tooling and agency peculiar property. In addition to the distribution list below, this monthly reporting shall be submitted to JSC FMD.

Due: 5 days after receipt and tagging.

The following report will be required on a QUARTERLY basis:

2. Contractor Transfers of Tagged Equipment Purchased or Acquired to NASA Report: The quarterly report shall include a list of contractor acquisitions of controlled equipment, contractor purchase or acquisition documents numbers, dollar values and date received. The report of transfers shall be attached to a completed DD Form 1149 and submitted to the NASA Contracting Officer for acceptance. The first reporting period is the 1st quarter from the start of the contract and each quarter following.

Due Dates: January 5, April 5, July 5 and October 5.

The following report will be required on a QUARTERLY and ANNUAL basis:

3. Lost, Damage, Destruction Incident Reports: Provide reports of Installation Accountable Property (IAP) that were reported lost, damaged, or destroyed during the applicable quarterly period. Annual metrics measuring installation loss rates (# pieces lost/total # pieces) shall also be maintained and submitted annually to the NASA Property Administrator to determine the effectiveness of the contractor's equipment management system.

Due: Quarterly on Jan 5, Apr 5, Jul 5, and Oct 5 and Annually on Oct 5.

The following reports will be required on an ANNUAL basis:

4. IAP Report: Submit a report of Installation Accountable Property (IAP) custodially assigned to NASA and assigned contractors to the NASA Property Administrator. Report shall detail the following:
J-2A List - IAP Contractor TEST
J-2B List - IAP Contractor ECO
J-2C List - IAP NASA custodial accounts.
J-2C List - Contractor purchases transferred by DD-1149 to NASA IAP

Due: Sept-30 October 15

The following report will be required at BEGINNING OF CONTRACT and on an ANNUAL basis thereafter:

5. Annual NEMS Inventory Plan: Submit an annual NEMS inventory plan to the NASA Property Administrator at the start of each each annual inventory schedule.

Due: 30 days after contract start, and 30 days after the completion of the Fiscal Year inventory cycle.

6. Inventory Preparation Report: Per requirements identified in the NPR 4200.1, Equipment Management Manual, the contractor shall provide an annual inventory report following the Phase-In Inventory Report (in Section vii of DRD-TEST-CM-04" Phase-In Plan). The report shall include:
 - a. Number of property management areas and number of items scheduled for inventory
 - b. Number of property management areas for which physical inventory was completed
 - c. Number of items and value of property inventoried
 - d. Number and value of items added to the records as a result of the physical inventory
 - e. Number and value of lost items surveyed as a result of the physical inventory
 - f. Number and value of items that were previously surveyed and located as a result of the physical inventory
 - g. Any conclusions and procedural changes initiated following analysis of the inventory results.

Due: Oct 10

- d. Format: Contractor's electronic format is acceptable, unless stated otherwise within the description of the report.
- e. Distribution:
 4. RA/Contracting Officer
 5. RA/Contracting Officer's Technical Representative
 6. RC/WSTF NASA Property Administrator
- f. Submission: See individual report description for submission frequency.

1. DRD Title Logistics Reports	2. Date of current version 11/15/2011	3. DRL Line Item No. DRD-TEST-LS-04	RFP/Contract No. NNJ11HA02C
4. Use: Reports are required to determine the effectiveness of the Supply and Equipment Management System and as indicators of the volume of Logistics activity. Reports will be submitted to the NASA/JSC and NASA HQ by the NASA WSTF SEMO			5. DRD Category: <input type="checkbox"/> Technical <input checked="" type="checkbox"/> Administrative <input type="checkbox"/> SR&QA
6. References:			7. Interrelationships: SOW 5.10 TO 1TCRECV

8. Preparation Information:

- a. Data Type: 3
- b. Scope: Contractor to provide the following reports to support performance of Supply and Equipment Management and Logistics.
- c. Content:
The following report shall be provided on a MONTHLY basis:
 1. Logistics Monthly Report: Provide a detailed monthly report of Logistics Activities with the following data elements.
 - 1.1. Equipment (property) Activity:
 - 1.1.1. NEMS Transactions performed
 - 1.1.2. NEMS Managed Items IAP and GFP
 - 1.1.3. New Items Tagged
 - 1.1.4. NEMS accounts Inventoried
 - 1.1.5. Real Property Accounts Inventoried
 - 1.1.6. Total line items reported to NPDMS
 - 1.1.7. Total tonnage of scrap items
 - 1.1.8. Stevenson Wydler donations, line item & value
 - 1.1.9. GSA lots sold and disposed
 - 1.2. Moving services performed and hours spent
 - 1.3. Supply Management Activity
 - 1.3.1. Stock reorders to Procurement
 - 1.3.2. Stock requests processed, line items, backorders, supply effectiveness
 - 1.3.3. New stock items added
 - 1.3.4. Stock item deleted
 - 1.4. Receiving Activity
 - 1.4.1. Total hours spent on Receiving
 - 1.4.2. PO's logged in, % of Emergencies
 - 1.4.3. Non-PO's logged
 - 1.4.4. PO's received & Line items
 - 1.4.5. Debits Processed, # held in Logistics, # pending
 - 1.4.6. New PO's debited
 - 1.4.7. Hours of receiving backlog
 - 1.4.8. Stock activity (stainless steel tubing)
 - 1.5. K-Bottles
 - 1.5.1. # of site deliveries
 - 1.5.2. Empties picked up
 - 1.5.3. # of vendor deliveries
 - 1.5.4. # returned to vendors
 - 1.5.5. # Total K-bottles handled
 - 1.6. Transportation
 - 1.6.1. # of shipments (outbound)
 - 1.7. Disposal Activity

- 1.7.1. Tonnage of scrap
- 1.7.2. Donations
- 1.7.3. # of sales lots through GSA
- 1.7.4. Total hours spent
- 1.7.5. Items input in DSPL
- 1.8. Maintain Mail Center Metrics with the below listed data metric elements.
 - 1.8.1. Total Postage Used
 - 1.8.2. Total Pieces Shipped USPS
 - 1.8.3. Identified suspicious pieces of mail.
 - 1.8.4. Recycled mail
 - 1.8.5. Cost Saving Measures

The following report shall be provided on an ~~SEMI-ANNUAL~~ basis:

- 2. Semi-Annual K-Bottle Inventory Report
 - 2.1. Submit to the NASA WSTF SMO, an Semi-annual report of K-Bottle/demurrage activity with the following data elements. Listing of all K-bottles onsite by serial number, type, receipt, issue date and location.
 - 2.2. Due Dates: ~~April 5~~ and October 30.
- d. Format: Contractor's electronic format is acceptable, unless stated otherwise within the description of the report.
- e. Distribution:
 - 1. RA/Contracting Officer
 - 2. RA/Contracting Officer's Technical Representative
 - 3. RC/WSTF NASA Property Administrator
- f. Submission: See individual report description for submission frequency.

1. DRD Title Transportation Reports	2. Date of current version 11/15/2011	3. DRL Line Item No. DRD-TEST-LS-06	RFP/Contract No. NNJ11HA02C
4. Use: Determine the effectiveness of the Transportation and Vehicle Fleet Management System and as indicators of the volume of transportation and vehicle fleet activity. The NASA Transportation Officer will submit the reports to NASA/JSC and NASA HQ.			5. DRD Category: <input type="checkbox"/> Technical <input checked="" type="checkbox"/> Administrative <input type="checkbox"/> SR&QA
6. References: NPD 6000.1B Transportation Management			7. Interrelationships: SOW 5.10 TO 1TCTRNS

8. Preparation Information:

a. Data Type: 3

b. Scope: Contractor to provide the following reports to monitor and track transportation activity at WSTF.

c. Content:

The following reports will be required on a MONTHLY basis:

1. Post Payment Audit Reports: Provide an analysis of WSTF transportation freight charges versus quoted rates and submit monthly audit reports to GSA and JSC. Due date: 5th of each month.
2. Vehicle Fuel Report: Provide accurate reporting of fuel in gallons; oil in quarts; and total costs for both GSA and Government owned vehicles. Report serves as a basis for the fuel credits issued to WSTF by GSA. Due date: 5th of each month.
3. Vehicle Utilization Summary Report: Provide a reporting of each vehicles license number, vehicle make and model, assigned user, user organization, and monthly mileage summary on WSTF Form 166. Due Date: 10th of each month.
4. GSA Drive Through Report: Submitted through GSA FAST (Federal Automotive Statistic Tool). Report includes mileage and fuel consumption information on each GSA vehicle. Due Date: 10th of each month.
5. Maintain Alternative fuel metrics and cost savings measures. Due Date: 10th of each month.

The following report will be required on a QUARTERLY basis:

6. Transportation Data Report: Provide the NASA WSTF Transportation Officer a report of all transportation activities (i.e., hazardous, critical, air/ground, and other shipments) conducted by the contractor's transportation office in support of the contract. Due date: January 5, April 5, July 5, October 5.

The following reports will be required on an ANNUAL basis:

7. Vehicle Data Summary: Provide a report detailing up-to-date GSA fleet vehicle lease cost and mileage charges by organization. The report should include the following data elements; vehicle number, vehicle description, person assigned to, average monthly miles, average monthly cost and average annual cost for each NASA and contractor functional areas at WSTF. The report provides cost data used to assess GSA vehicle budgets and justifications by the Vehicle Review Board and the Transportation Officer. The reports shall also be available upon demand and during review periods. Due Date: September August 1.
8. Fast Report Submitted on the GSA FAST System an accounting of GSA leased and Government owned vehicles in accordance with the instructions in FAST. Report is required to satisfy GSA and NASA Agency reporting requirements. Due Date: November 1
9. NASA License Plates: Maintain accountability of all issued NASA License Plates in the NASA LIMS and submit annually to the NASA Transportation Officer a report of WSTF License plate inventory. Due date: January 15.
10. Mail Management Report: Submit to the WSTF Transportation Officer the NASA Agency required Mail Management Report delineating all data requirements for USPS mail and express mail data requirements. A

data template will be provided to satisfy reporting requirements. The data for this report includes mail and express mail maintained by the mail and transportation operations. Due: November 5

The following reports will be required on an AS NEEDED basis:

11. Vehicle Accident Report: Provide to the NASA WSTF Transportation Officer and NASA WSTF Safety Officer a report of accidents involving WSTF owned or GSA leased vehicles using Standard Form 91, 92, and optional Form 26, on an as-occurs basis.
- d. Format: Contractor's electronic format is acceptable with traceability to the above listed content, except when submission into GSA FAST or use of a specific form is noted.
- e. Distribution:
 4. RA/Contracting Officer
 5. RA/Contracting Officer's Technical Representative
 6. RC/WSTF Transportation Officer
- f. Submission: See individual report description for submission frequency.